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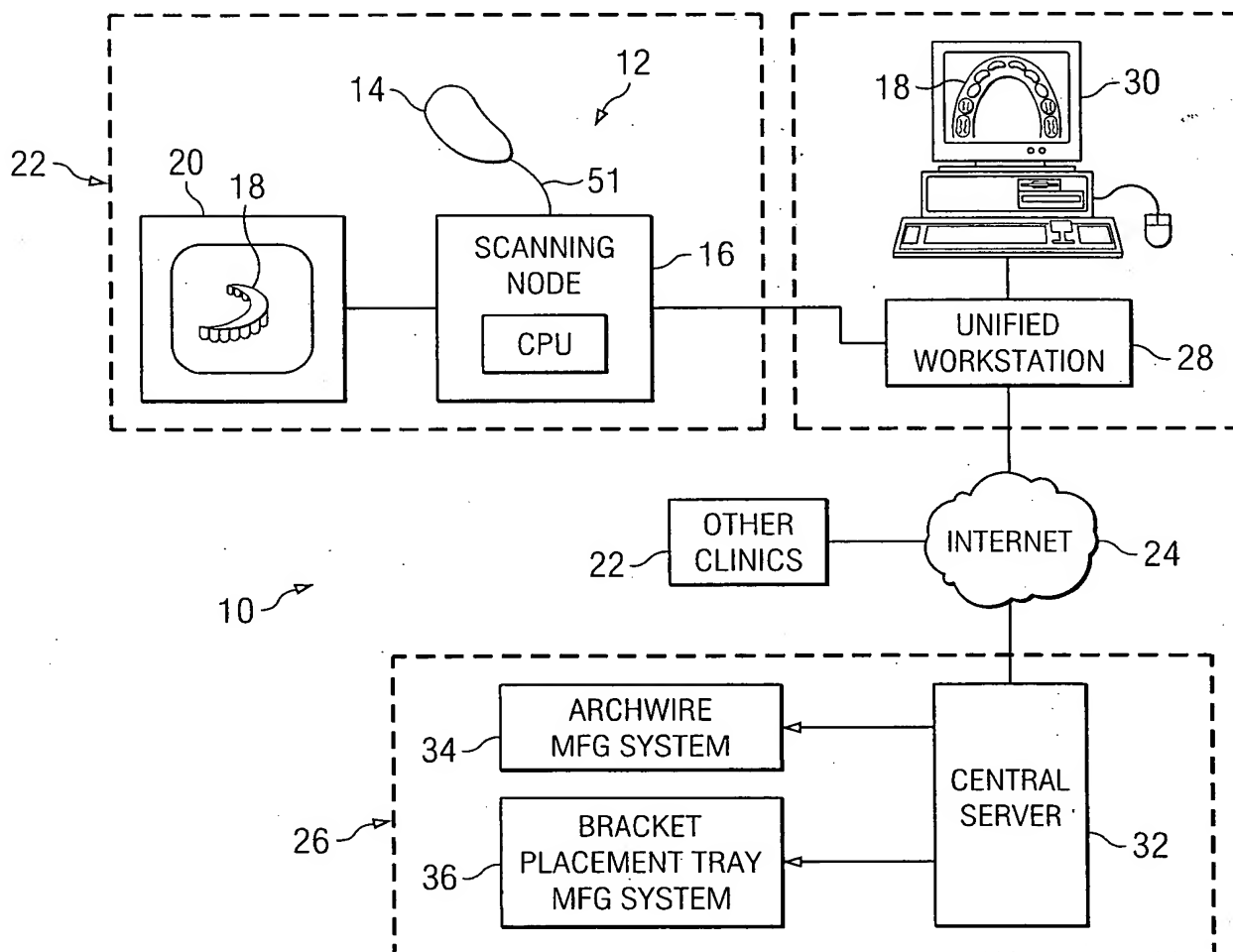
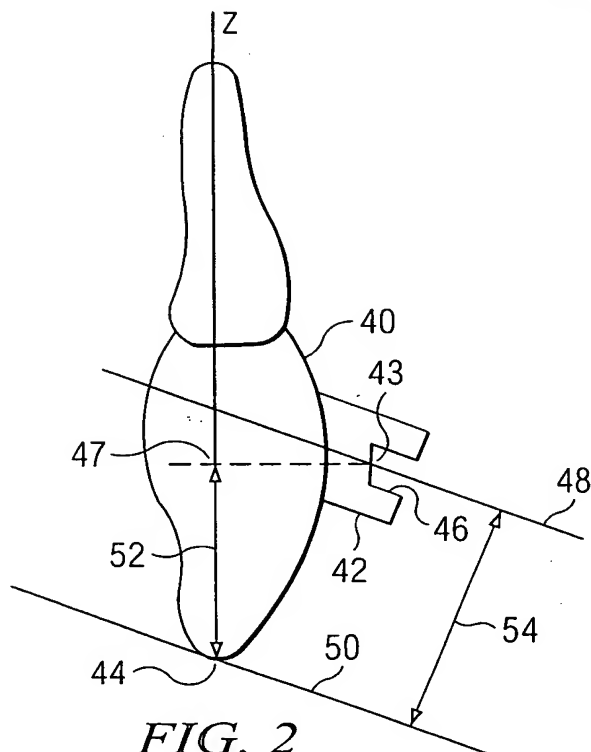


FIG. 1



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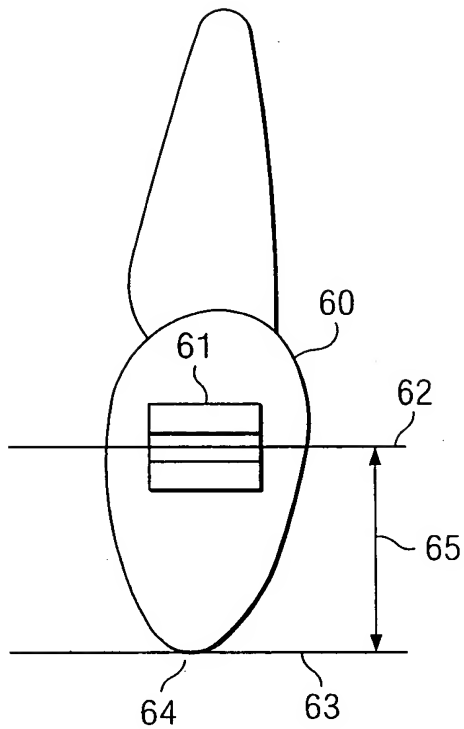


FIG. 2A

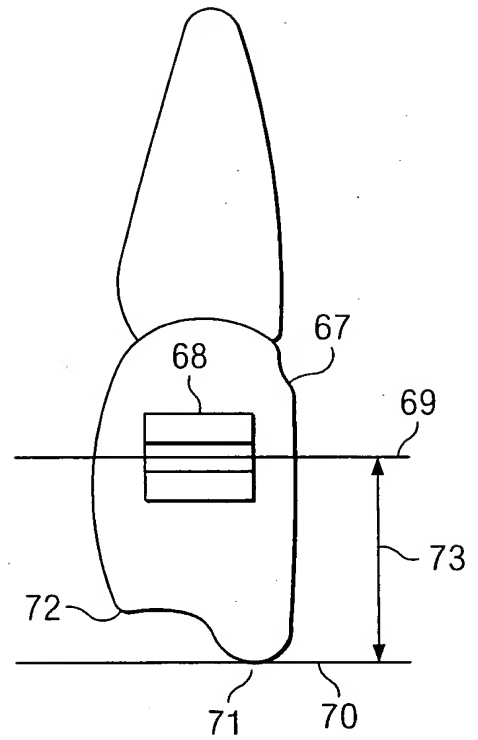


FIG. 2B

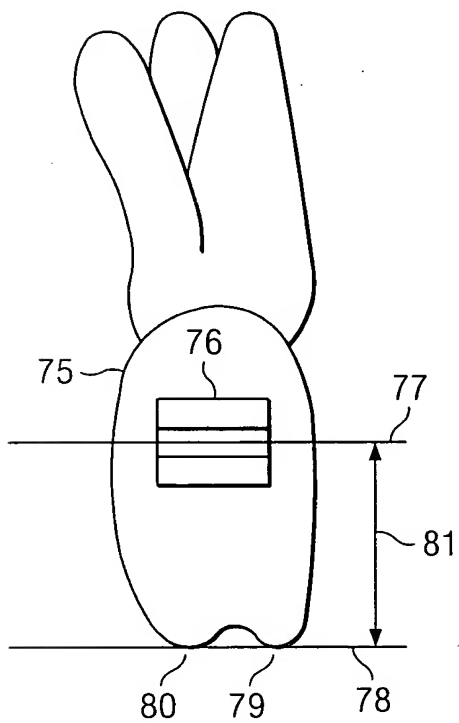


FIG. 2C

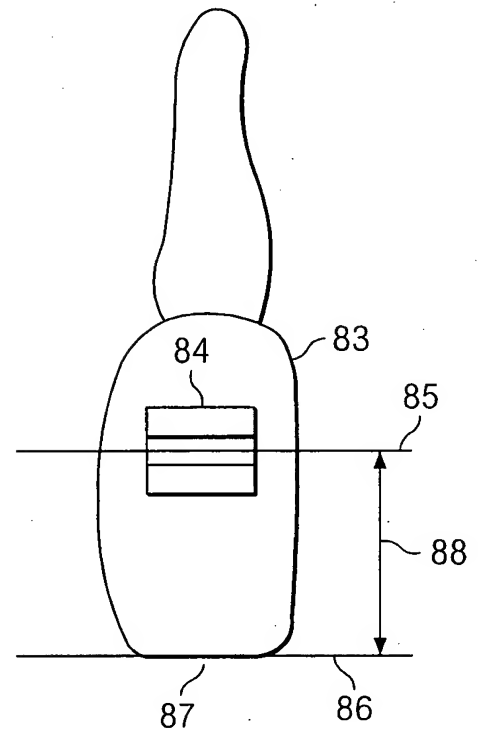


FIG. 2D

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FIG. 3

File Edit View AdminTools Help

Patient Information OraScan Digital Impression Case Management Digital Treatment Planning

Mandible Space Management

Reference Model Initial #1

90

Camera Navigation

Occlusal Plane

Arch Length Discrepancy
Right -0.6mm
Left -2.3mm
Mandible

Parameter	Vertical Positions	A-P Positions	Extractions/Stripping	Displacements	Brackets
48	Ormco Molar Single 2nd Molar			Ormco Molar Single 2nd Molar	38
47	Ormco Molar Single 2nd Molar			Ormco Molar Single 2nd Molar	37
46	Ormco Molar Double 1st Molar			Ormco Molar Double 1st Molar	36
45	Ormco Minidiamond Twin g/o Hook 2nd Bicuspid			Ormco Minidiamond Twin g/o Hook 2nd Bicuspid	35
44	Ormco Minidiamond Twin Hook 1st Bicuspid			Ormco Minidiamond Twin Hook 1st Bicuspid	34
43	Ormco Minidiamond Twin Hook Cuspid			Ormco Minidiamond Twin Hook Cuspid	33
42	Ormco Minidiamond Twin Anterior			Ormco Minidiamond Twin Anterior	32
41	Ormco Minidiamond Twin Anterior			Ormco Minidiamond Twin Anterior	31

Treatment Strategy*
Midline and Esthetic Occlusal Plane*
Occlusal Plane and A-P Positions*
Axial Reference Teeth*
Tooth Mesio-Distal Axis
Alignment 2D - 3D

Mandible Space Management
Maxilla Space Management
Space Management (Mandible and Maxilla)
Space Management Summary*
Order Information
(*is required)

Remove Order

Display Brackets OraMatrix Active Real Order in Work

Not Yet Ordered Setsups In Production Needs Review Finished Canceled

By Status By Type By Date

Plant 2003/10/21 03:42AM

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FIG. 4

File Edit View AdminTools Help

Patient Information OraScan Digital Impression Case Management Digital Treatment Planning

[-] Not Yet Ordered [+/-] In Production [---] Needs Review [+/-] Finished [+/-] Canceled

By Status By Type By Date

Plant: 2003/10/21 03:42AM

Treatment Strategy*
Midline and Esthetic Occlusal Plane*
Occlusal Plane and A-P Positions*
Axial Reference Teeth*
Tooth Mesio-Distal Axis
Alignment 2D - 3D

Mandible Space Management

Maxilla Space Management
Space Management (Mandible and Maxilla)
Space Management Summary*
Order Information
(*is required)

Remove Order

Reference Model Initial #1

Bracket Navigation Plane

Camera Navigation

95

Parameter	Vertical Positions	A-P Positions	Extractions/Stripping	Displacements	Brackets
48	Ormco Molar Single 2nd Molar			Ormco Molar Single 2nd Molar	38
47	Ormco Molar Single 2nd Molar			Ormco Molar Single 2nd Molar	37
46	Ormco Molar Double 1st Molar			Ormco Molar Double 1st Molar	36
45	Ormco Minidiamond Twin g/o Hook 2nd Bicuspid			Ormco Minidiamond Twin g/o Hook 2nd Bicuspid	35
44	Ormco Minidiamond Twin Hook 1st Bicuspid			Ormco Minidiamond Twin Hook 1st Bicuspid	34
43	Ormco Minidiamond Twin Hook Cuspid			Ormco Minidiamond Twin Hook Cuspid	33
42	Ormco Minidiamond Twin Anterior			Ormco Minidiamond Twin Anterior	32
41	Ormco Minidiamond Twin Anterior			Ormco Minidiamond Twin Anterior	31

Arch Length Discrepancy
Right -0.6mm
Left -2.3mm
Mandible

Order in Work

For Help, press F1

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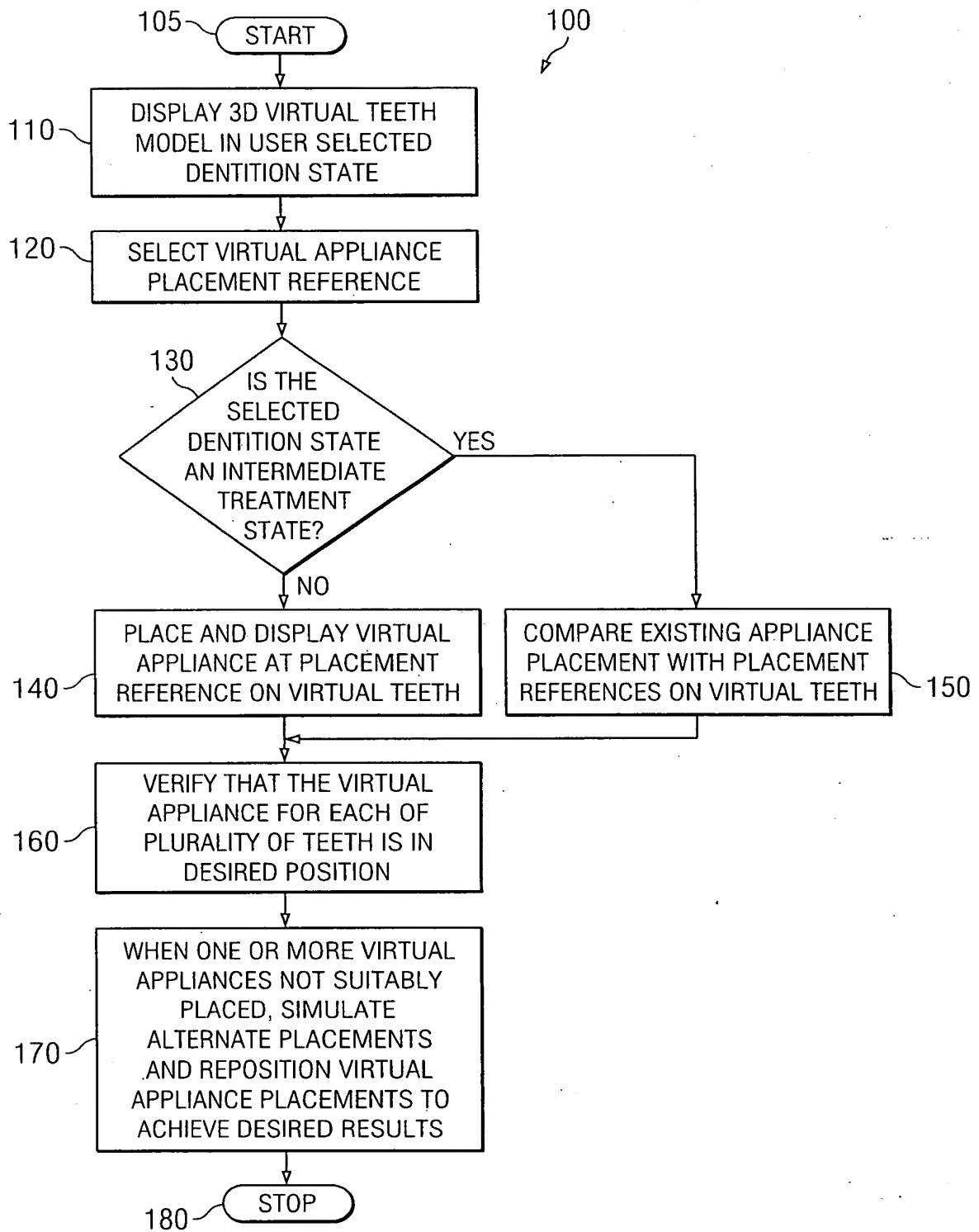


FIG. 5

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FIG. 6

File Edit View AdminTools Help

Patient Information OraScan Digital Impression Case Management Digital Treatment Planning

Mandible Space Management

Reference Model Initial #1

Bracket Navigation Plane

200

Camera Navigation

Align to: Malocclusion Lateral Segments Arch Form

Midline Shift R none L

Cuspid Dist. 29.0 (reference 29.0) mm

Molar Distance 47.1 (reference 47.1) mm

Arch Depth Right: 32.5 Left: 30.6

Overbite 3.8 mm

Overjet 3.6 mm

Arch Length Discrepancy Right -0.2mm Left -0.2mm

Mandible

Order in Work

Remove Order

For Help, press F1

Treatment Strategy*
Midline and Esthetic Occlusal Plane*
Occlusal Plane and A-P Positions*
Axial Reference Teeth*
Tooth Mesio-Distal Axis
Alignment 2D - 3D

Mandible Space Management
Maxilla Space Management
Space Management (Mandible and Maxilla)
Space Management Summary*
Order Information
(*is required)

By Status By Type By Date

Not Yet Ordered - Setsups In Production Needs Review Finished Canceled

Plan: 2003/10/21 03:42AM

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FIG. 7

File Edit View AdminTools Help

Patient Information OraScan Case Management Digital Impression Digital Treatment Planning

Mandible Space Management

Reference Model Initial #1

240

230

220

Tooth 35

Camera Navigation

Align to: Malocclusion Straight Wire Arch Form Natural

Parameter Vertical Positions A-P Positions Extractions/Stripping Displacements Brackets

Midline Shift R none L

Cuspid Dist. 29.1 (reference 29.0) mm

Molar Distance 49.1 (reference 47.1) mm

Arch Depth Right: 34.1 Left: 33.9

Overbite 3.3 mm

Overjet 3.3 mm

Arch Length Discrepancy Right 0.0mm Left 0.0mm Mandible

Order in Work

Real Active OraMetrix

Not Yet Ordered

Setups

Plant 2003/10/21 03:42AM

In Production

Needs Review

Finished

Canceled

By Status By Type By Date

Treatment Strategy*

Midline and Esthetic Occlusal Plane*

Occlusal Plane and A-P Positions*

Axial Reference Teeth*

Tooth Mesio-Distal Axis

Alignment 2D - 3D

Mandible Space Management

Maxilla Space Management

Space Management (Mandible and Maxilla)

Space Management Summary*

Order Information

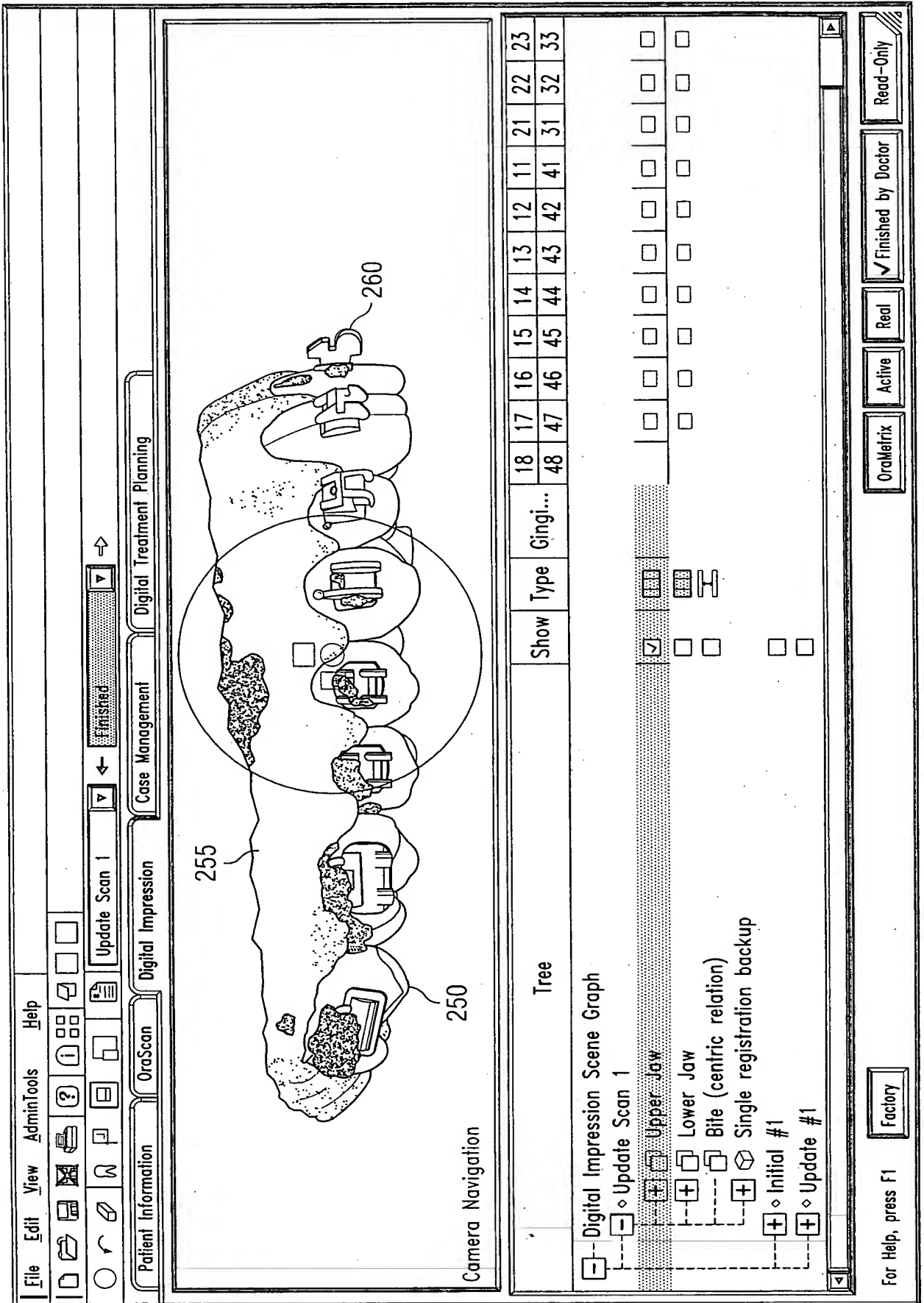
(*is required)

Remove Order

For Help, press F1

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FIG. 8A



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FIG. 8B

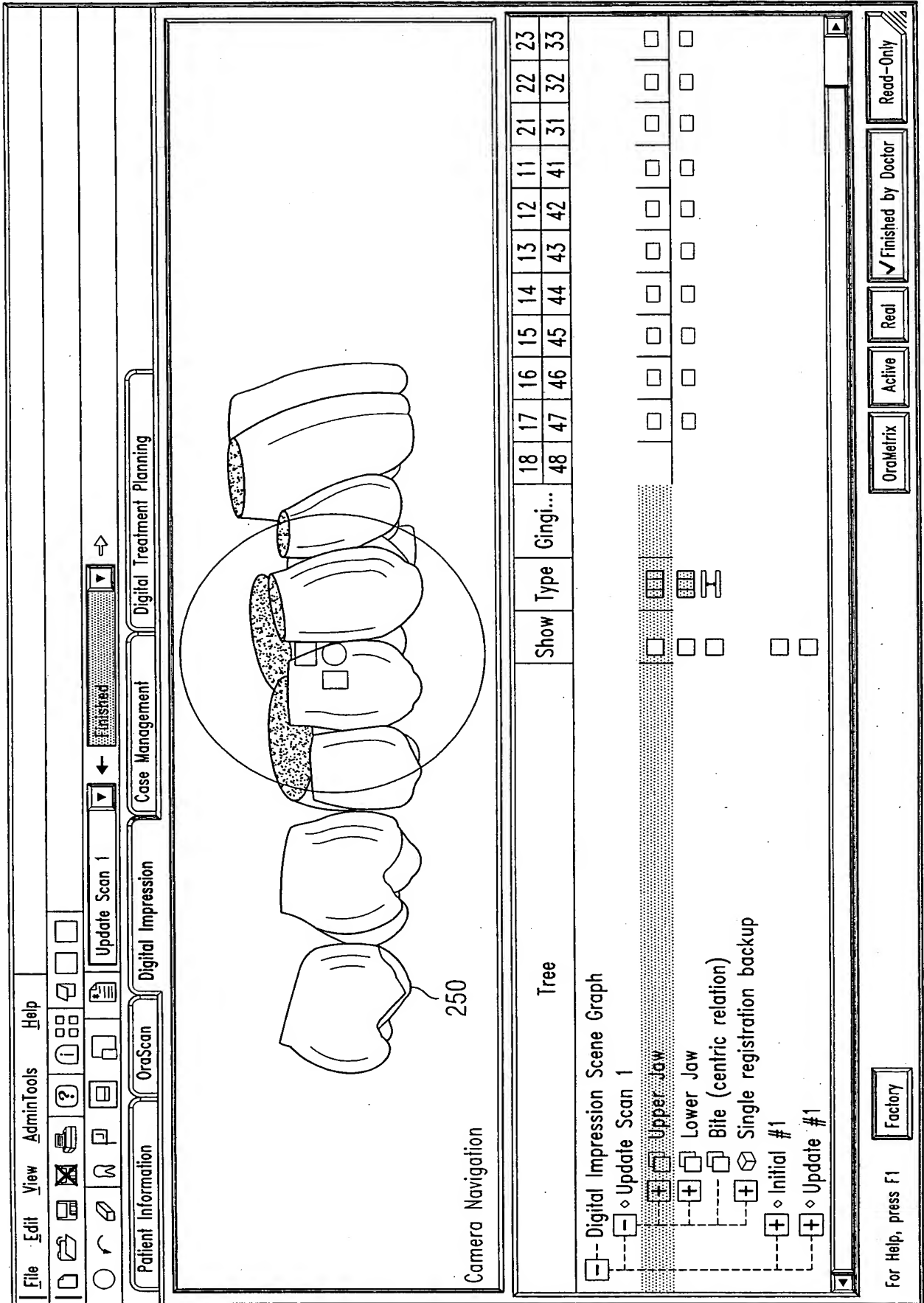
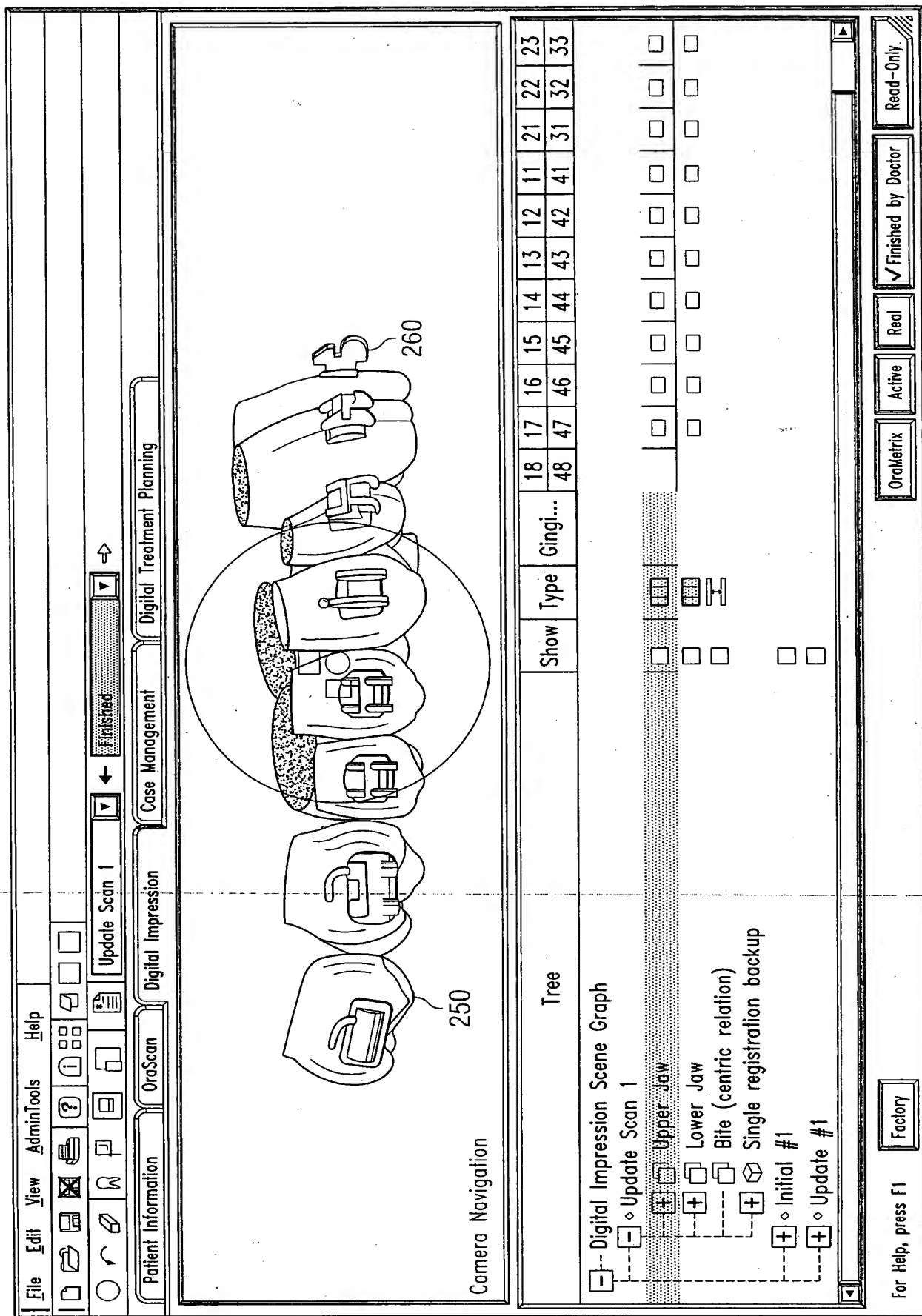


FIG. 8C



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FIG. 9

File Edit View AdminTools Help

Patient Information OraScan Digital Impression Case Management Digital Treatment Planning

Mandible Space Management

Reference Model Initial #1

310 320 330 340 Bracket Offset

Camera Navigation

Align to: Malocclusion Lateral Segments Arch Form Natural

Parameter Vertical Positions A-P Positions Extractions/Stripping Displacements Brackets

Midline Shift R none L

Cuspid Disl. 29.0 (reference 29.0) mm Overbite 3.8 mm

Molar Distance 47.1 (reference 47.1) mm Overjet 3.6 mm

Arch Depth Right: 32.5 Left: 30.6

Arch Length Discrepancy Right -0.2mm Left -0.2mm Mandible

Order in Work

Remove Order

Selected Tooth

Treatment Strategy*

Midline and Esthetic Occlusal Plane*

Occlusal Plane and A-P Positions*

Axial Reference Teeth*

Tooth Mesio-Distal Axis

Alignment 2D - 3D

Mandible Space Management

Maxilla Space Management

Space Management (Mandible and Maxilla)

Space Management Summary*

Order Information

(*is required)

By Status By Type By Date

Not Yet Ordered

Setups

Plant 2003/10/21 03:42AM

In Production

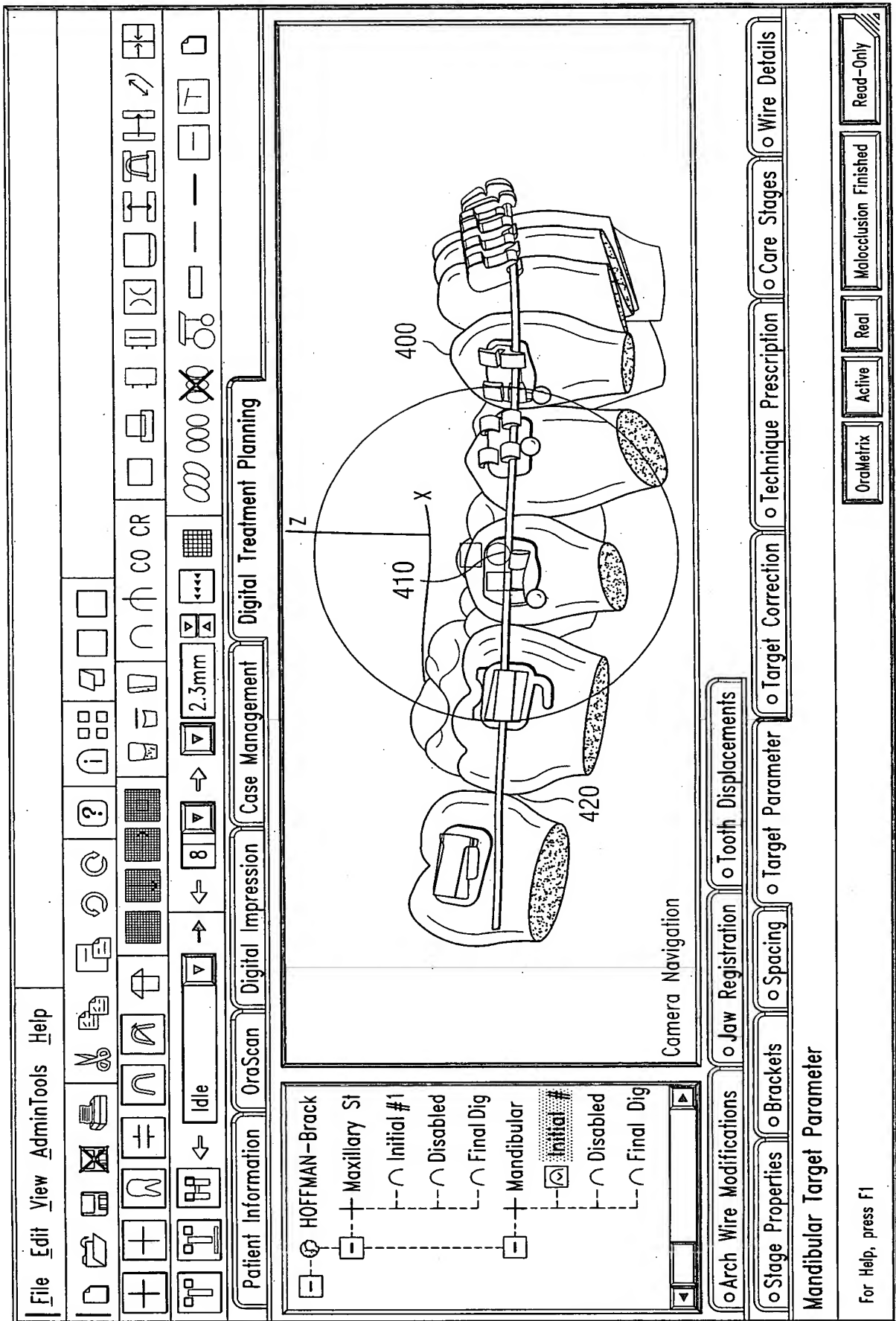
Needs Review

Finished

Canceled

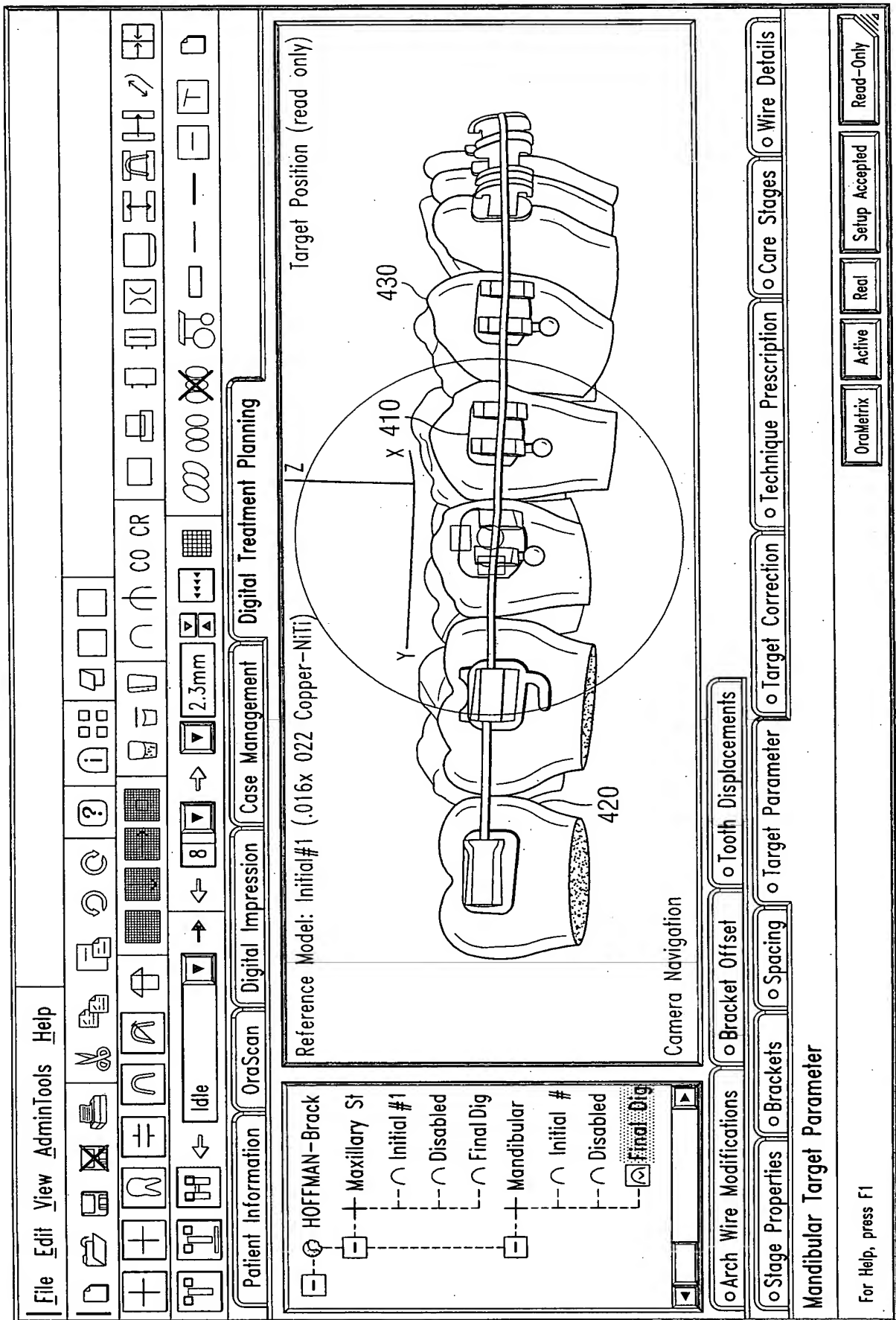
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FIG. 10



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FIG. 11



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FIG. 12

[illegible]

FIG. 13

File Edit View AdminTools Help	
<div style="margin-bottom: 5px;"> </div> <div style="margin-bottom: 5px;"> </div> <div style="margin-bottom: 5px;"> </div> <div style="margin-bottom: 5px;"> </div> <div style="margin-bottom: 5px;"> </div> <div style="margin-bottom: 5px;"> </div>	<div style="margin-bottom: 5px;"> <p>Reference Model: Initial #1 (016x022 Copper-NiTi)</p> <p>Target Position (read only)</p> <p>Camera Navigation</p> </div> <div> <p>HOFFMAN-Brack</p> <ul style="list-style-type: none"> - Maxillary St - Initial #1 - Disabled - Final Dig - Mandibular - Initial # - Disabled - Final Dig </div>
<div style="margin-bottom: 5px;"> </div> <div style="margin-bottom: 5px;"> </div> <div> </div>	<div style="margin-bottom: 5px;"> </div>
<div style="margin-bottom: 5px;"> <p>Align to:</p> <div style="display: flex; justify-content: space-between;"> <div> <p>Natural <input type="button" value="v"/></p> <p>Symmetric <input checked="" type="checkbox"/></p> </div> <div> <p>Observed Target</p> <p>Arch Form</p> <p>Reference Stage: Initial #1(016x.022 Cop</p> </div> </div> </div> <div> <p>Center Line Offset</p> <div style="display: flex; justify-content: space-between;"> <div> <p>Maxilla <input type="button" value="v"/></p> <p>Mandible -0.2 mm <input type="button" value="v"/></p> </div> <div> <p>Lateral Segments</p> <p>Straight Wire</p> </div> </div> </div>	<div style="margin-bottom: 5px;"> <p>Mandible cuspid distance: 29.6 (ref. 29.0) mm</p> <p>Mandible molar distance: (46-36) 48.7 (ref. 47.1)mm 33.7 mm</p> <p>Mandible front radius: 33.7 mm</p> <p>Mandible molar angle: 73 deg.</p> </div> <div style="margin-bottom: 5px;"> <p>Target Offset vs. Malocclusion</p> <div style="display: flex; justify-content: space-around;"> <div> <p>Reset</p> <p>Align to Reference Stage</p> </div> <div> <p>Trans-versal</p> <p>Sagittal</p> <p>Vertical</p> </div> <div> <p>Move</p> <p>Rotate</p> </div> </div> </div> <div> <p>Target Relation Mandibular/Maxillary</p> <div style="display: flex; justify-content: space-around;"> <div> <p>Trans-versal</p> <p>Sagittal</p> <p>Vertical</p> <p>Over-Bite</p> </div> <div> <p>Move</p> <p>Rotate</p> <p>Over-Jet</p> <p>Reset</p> </div> </div> </div>
<div style="display: flex; justify-content: space-around; margin-top: 10px;"> OraMatrix Active Real Malocclusion Finished Read-Only </div>	

For Help, press F1

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FIG. 14

File Edit View AdminTools Help

610 620

Check Wire and bracket intersections with teeth

Digital Treatment Planning

Case Management

Digital Impression

OraScan

Patient Information

Wallen, Linda

Maxillary Stages

Initial #1

Disabled Final 111 Original

Disabled Final Copy of 111

Disabled Final 111 REV 2 W

Disabled Final 111 REV 2 W

Final 111 REV 2 (.016x .02)

Mandibular Stages

Initial #1

Disabled Final 111 Original

Disabled Final Copy of 111

Disabled Final 111 REV 2 W

Disabled Final 111 REV 2 W

Final 111 REV 2 (.016x .02)

Reference Model: Initial #1

600 650 660 670

Single Tooth

630 1 Toothwire-Collision (Tooth 28)

2 Bracket Tooth-Collisions (Bracket 33 Bracket 34)

Camera Navigation

665 660 670

o Stage Properties

o Wire Details

o Arch Wire Modifications

o Bracket Offset

o Spacing

o Tooth Displacements

o Bracket Correction

o Target Parameter

o Technique Prescription

o Care Stages

	46	45	44	43	42	41	31	32	33	34	35	36
d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.
Status												
Slide Increment	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2
Slide Overwrite												
Slide	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2
Slide Reduct.												

Check Wire and bracket intersections with teeth

Factory

OralMetric

Active

Real

Setup Finished

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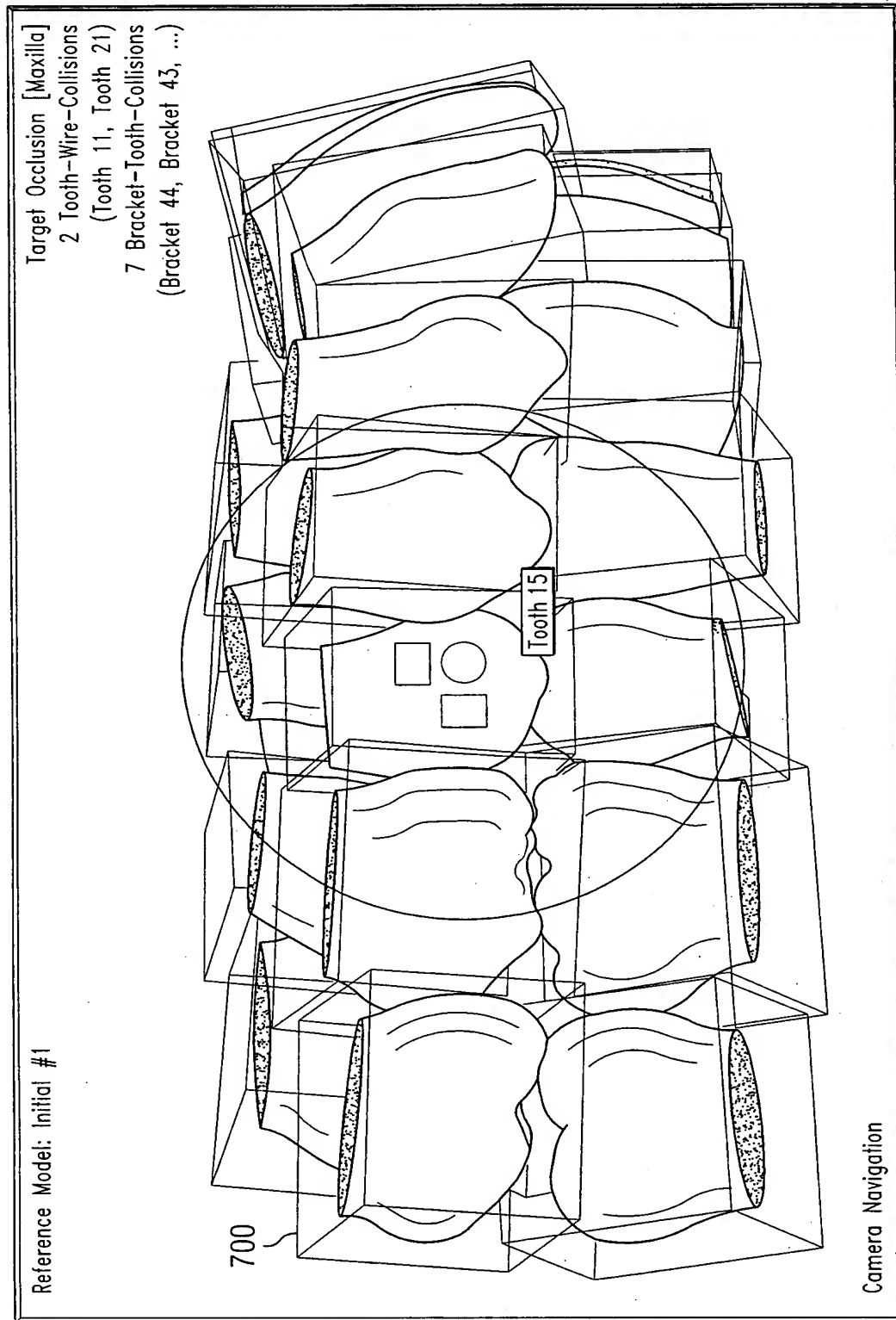


FIG. 15

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FIG. 16

File Edit View AdminTools Help

Patient Information OraScan Digital Impression Case Management Digital Treatment Planning

Mandible Space Management

Reference Model Initial #1. 800

850 850 Tooth 45

Bracket Offset

Camera Navigation

Align to; Malocclusion Lateral Segments Arch Form Natural

Midline Shift R none L

Cuspid Dist. 29.0 (reference 29.0) mm

Molar Distance 47.1 (reference 47.1) mm

Arch Depth Right: 32.5 Left: 30.6

Overbite 3.3 mm

Overjet 3.3 mm

Arch Length Discrepancy Right -0.2mm Left -0.2mm Mandible

Remove Order

For Help, press F1

Not Yet Ordered

Setups

Plan: 2003/10/21 03:42AM

In Production

Needs Review

Finished

Canceled

By Status By Type By Date

Treatment Strategy*

Midline and Esthetic Occlusal Plane*

Occlusal Plane and A-P Positions*

Axial Reference Teeth*

Tooth Mesio-Distal Axis

Alignment 2D - 3D

Mandible Space Management

Maxilla Space Management

Space Management (Mandible and Maxilla)

Space Management Summary*

Order Information

(*is required)

Remove Order

OraMetrix Active Real Order in Work

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FIG. 17

File Edit View AdminTools Help

Patient Information OraScan Digital Impression Case Management Digital Treatment Planning

Not Yet Ordered -- Setups -- Plan1 2003/10/21 03:42AM -- In Production -- Needs Review -- Finished -- Canceled

By Status By Type By Date

Treatment Strategy*
Midline and Esthetic Occlusal Plane*
Occlusal Plane and A-P Positions*
Axial Reference Teeth*
Tooth Mesio-Distal Axis
Alignment 2D - 3D

Mandible Space Management
Maxilla Space Management
Space Management (Mandible and Maxilla)
Space Management Summary*
Order Information
(*is required)

Remove Order

Mandible Space Management

Reference Model Initial #1

900

950

950

950

Camera Navigation

Parameter Vertical Positions A-P Positions Extractions/Stripping Displacements Brackets

Align to; Malocclusion Lateral Segments Arch Form Arch Form

Straight Wire Arch Form

Midline Shift R none L

Cuspid Disl. 29.0 (reference 29.0) mm Overbite 3.2 mm

Molar Distance 48.8 (reference 47.1) mm Overjet 3.3 mm

Arch Depth Right: 33.8 Left: 33.7

Arch Length Discrepancy Right 0.0mm Left 0.0mm

Mandible

Order in Work Real Active OraMetric

For Help, press F1

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FIG. 18

File Edit View AdminTools Help

Maxilla wire on/off

0.0mm

Digital Treatment Planning

Case Management

Digital Impression

OraScan

Patient Information

Reference Model: Monitored Update #1 [.016x.022 Copper-NiTi]

1000

1050 1060

Camera Navigation

Maxillary Stages

Initial

Disabled Final Digit

Monitored Update

Final 2 U 1 Original

Mandibular Stages

Initial

Disabled Final Digit

Monitored Update

Final 2 U 1 Original

Stage Properties

Wire Details

Wire Details

Arch Wire Modifications

Brackets

Bracket Offset

Spacing

Target Parameter

Target Correction

Technique Prescription

Care Stages

	17	16	15	14	13	12	11	21	22	23	24	25	26	27	Status
d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.	d.	m.
Slide Increment	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	Slide Increment
Slide Overwrite															Slide Overwrite
Slide	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.2	Slide
Slide Reduct.															Slide Reduct.

Factory

OraMetrix

Active

Real

Setup Finished

For Help, Press F1